

Air Pollution Control District - Supplemental Information

PLACER COUNTY AIR POLLUTION CONTROL DISTRICT

Supplemental information to be included with the Environmental Questionnaire (EQ) submittal

The following information is required to determine the potential environmental impacts of the proposed project and to identify appropriate mitigation measures. However, additional information may be requested if the provided information leads to further questions, and/or if the County is unable to complete the initial study checklist due to an incomplete EQ.

1. **Vicinity Map and Site Plan**

- Provide a map that identifies the type and location of existing adjacent land uses and/or the land use designations if undeveloped.
- Provide a site plan of the proposed project that shows all proposed grading activity, lots, buildings, etc., including the number and type of residential units or commercial building square footage that will be built by the project.

2. **Project Description**

- Provide a project description that describes the project in its entirety, including any offsite improvements required for the project.

3. **Emission Sources**

- Identify all emission sources related to the project (i.e., automobiles, fireplaces, boilers, maintenance equipment, diesel generators).

4. **Vegetation Clearance**

- If any vegetation would be cleared by the project, identify how the vegetation would be removed (type of equipment needed) and disposed.

5. **Building Demolition**

- If any existing building(s) will be demolished, provide a description of the type of building (residential, commercial, industrial), its previous use, the square footage of the building and if notification to EPA is required.

6. **Diesel Particulate Matter**

- If the project includes any warehouse, distribution center, or any commercial land use that will use diesel trucks, off-road diesel vehicles/equipment, or diesel engines/generators, quantify the emissions of diesel particulate matter.

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7&8. Construction/Operational Emissions

- URBEMIS model is a computer program that is used to estimate associated emissions with land development projects in California. The newest version is URBEMIS 2002 8.7 and can be downloaded at: <http://www.arb.ca.gov/planning/urbemis/urbemis2002/urbemis2002.htm>. An electronic copy of the URBEMIS output is to be provided to the Air Pollution Control District.
- If the project will be associated with roadway construction, SMAQMD Roadway Construction Emission program can be used to estimate the short-term construction emissions and may be downloaded at <http://www.airquality.org/ceqa/index.shtml>.
- The applicant should use these computer programs to estimate daily emissions from the project for nitrogen oxide, particulate matter and reactive organic gas. These emission estimates should be reported in pounds per day and tons per year. The model runs should be saved electronically and submitted to the District for review.

9. CALINE 4Carbon Monoxide

- CALINE4 is the standard modeling program used to assess carbon monoxide impacts at nearby intersections. Caltrans maintains this modeling program which can be downloaded at <http://www.dot.ca.gov/hq/env/air/calinesw.htm>.

10. Health Risk Assessment

- If the proposed project will release any air toxic containment (i.e. dry cleaners, gas stations, diesel particulate matter), conduct a health risk assessment to evaluate the potential risk levels generated by the project. Meet with APCD staff to discuss this requirement.

11. Geotechnical Report

- If the proposed project is located in an area known to contain naturally occurring asbestos, conduct a geotechnical survey to evaluate the potential impacts.
- If naturally occurring asbestos has been identified at the project site or is suspected to be in the vicinity, comply with the Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations.

12. Off-Site Improvements

- Describe and provide a map for the construction activity required for the offsite improvements. Quantify the average daily construction emissions from the offsite improvements.

13. Permit Authority

- Contact APCD engineers to determine if any necessary permit(s) are required for this project.

14. Dust Control Plan

- The District will provide a sample construction emission dust control plan for applicants to use in developing their plan.